

CALIFORNIA DEPARTMENT OF TRANSPORTATION

**ROUTE CONCEPT REPORT  
DISTRICT 8  
ROUTE 127**



08-SBD-127  
KP L0.00/66.79  
PM L0.00/41.47

OFFICE OF TRANSPORTATION PLANNING  
SAN BERNARDINO COUNTY  
JANURAY1998

ROUTE CONCEPT REPORT  
STATE ROUTE 127

This Route Concept Report is approved as a guide toward which today's decisions and/or recommendations for highway capacity improvements should be directed.

Original signed by S. Lisiewicz

January 6, 1998

STAN LISIEWICZ

Date

District Director

District 8

**1997 ROUTE CONCEPT REPORT  
STATE ROUTE 127  
08-SBd-127 KP LO.00/66.79 (PM LO.00/41.47)**

This Route Concept Report (RCR) covers the portion of State Route 127 located within the boundaries of Caltrans District 8.

**CONCEPT RATIONALE**

Route 127 is Federally functionally classified as a Rural Minor Arterial. Its main purpose is to provide for inter-regional and recreational travel as well and local commute traffic in Baker. The Route provides a link between California and Nevada and is a major access route to Death Valley National Park. With minimal growth expected within the corridor, no capacity or operational improvements are planned for SR-127.

Route 127 is included in the Freeway and Expressway System (F&E) and is part of the California Inter-regional Road System (IRRS). It is part of the State Scenic Highway System, but is not designated as a scenic highway. Route 127 is included in the California State Highways Truck Network. It is a Federal Surface Transportation Assistance Act designated truck route for oversized trucks (STAA).

**ROUTE CONCEPT**

Segment	Kilometerpost Limit	Concept	1995 LOS	2015 LOS	Existing Facility	Special Characteristics
1	LO.00/1.03 (PM LO.00/0.64)	Maintain Only	C	D	2-Lane Conventional	None
2	1.03/66.79 (PM 0.64/41.47)	Maintain Only	A	B	2-Lane Conventional	None

The Route Concept for SR-127 is to "maintain only" (no capacity or operational improvements) through the year 2015. The existing Route 127 facility is projected to operate as shown above.

**PROGRAMMED PROJECTS**

No highway capacity or operational improvement projects are programmed for SR-127.

**PROPOSED LAND USE DEVELOPMENT PROJECTS**

An expansion of the Fort Irwin National Training Center has been proposed by the U.S. Army, which would allow military training on both sides SR-127. Another proposal to use SR-127 for transporting high-level nuclear waste to Yucca -Mountain, Nevada is also being considered by the Department of Energy. Should either or both of these proposals be approved, some structural/operational improvements to the route may be necessary. Further studies would be required by Caltrans, the Department of Energy (Yucca Mountain proposal) and the U.S. Army (Fort Irwin expansion proposal) as to the types of improvements needed. The funding of any improvements to SR-127, due to the proposed projects, would be the responsibility of the lead agencies.

**ULTIMATE TRANSPORTATION CORRIDOR (UTC)**

State Route 127 is planned to remain a 2-lane conventional highway through the year 2015.

## **PRESENT AND FUTURE OPERATING CONDITIONS**

<b>PRESENT (1995)</b>	<b>SEGMENT 1</b>	<b>SEGMENT 2</b>
County & Route	SBd-127	SBd-127
Kilometerpost	L0.00/1.03	1.03/66.79
Post Mile	LO.00/0.64	0.64/41.47
Type of Facility	Conventional	Conventional
No. of Lanes	2	2
No. of Passing Lanes	0	0
No. of Auxiliary Lanes	0	0
No. of HOV Lanes	0	0
No. of Truck Climbing Lanes	0	0
% of Trucks in the Peak Hour	10.3	10.3
Highway Gradeline	R	R
Terrain R	R	
Traveled Way	7.2 m(24 ft.)	7.2 m(24 ft.)
Total Shoulder Width	2.4 m(8 ft.)	2.4 m(8 ft.)
outside	2.4 m(8 ft.)	2.4 m(8 ft.)
Inside	0	0
Median Width	0	0
Directional Split	65/35	65/35
Bicycle ADT	0	0
No. of Nearby Park-Ride Lots	0	0
Transit Centers	0	0
Rail	0	0
ADT	2900	700
Peak Hour Volume	377	91
V/C Ratio	0.25	0.06
Level of Service	C	A

## **FUTURE (2015) NO BUILD**

ADT	4000	1500
Peak Hour Volume	520	195
V/C Ratio	0.34	0.13
Level of Service	D	B

## **ACCIDENT RATES**

A total of 23 accidents were reported between November 1, 1993 and October 10, 1996 on SR-127. This three-year accident data is based on the "TASAS Table B" available from the District 8 Traffic Operations Department. The actual total accident rate was 0.66 per million vehicle miles of travel. The average statewide rate for similar facilities in the same period was 1.28 per MVM.



DISTRICT 8

**STATE ROUTE 127**

Segment Map



INYO COUNTY  
SAN BERNARDINO COUNTY

DEATH  
VALLEY  
NATIONAL  
PARK

SARATOGA SPRINGS RD

FORT IRWIN MILITARY  
RESERVATION

SILURION  
LAKE (DRY)

SILVER  
LAKE (DRY)

SILURION  
HILLS

Segment 2  
PM 0.64/41.47  
School Road to  
SBd/ INYO Co. Line

Segment 1  
PM L0.0/0.64  
Jct. I-15 to  
School Road

BAKER BLVD.

KELBAKER RD.

9/00

MAP NOT TO SCALE